

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA278LC
- **Frequency:** 28.5~31.5MHz

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

### Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	30MHz
● 1.0dB Pass Band Bandwidth	3.0MHz (28.5 ~ 31.5MHz)
● Pass Band Insertion Loss	≤2.0dB
● Pass Band VSWR	≤1.5:1
● Stop Band Attenuation	≥60dB @ DC ~ 15MHz      ≥60dB @ 45 ~ 100MHz
● Impedance	50 Ohms
● Power Handling	15dBm Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	TBD

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

#### ● Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

- |                   |                                |  |
|-------------------|--------------------------------|--|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: LY12 Aluminum alloy   | ● Dimensions: 40*18*13mm                       |

